

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to INTROGEN THERAPEUTICS, INC. (the "Assignee"), having a place of business at 301 Congress Avenue, Suite 1850, Austin, TX 78701, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, Serial No. 08/975,519 which has been filed on November 20, 1997 and is entitled "METHOD FOR THE PURIFICATION OF ADENOVIRAL VECTORS", such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Signature: Lucetta Caston
Name: Lucetta Caston

Date: 02 AUG 2002

STATE OF Pennsylvania)
) ss.
COUNTY OF Delaware)

BEFORE ME, the undersigned authority, on this 2nd day of August, 2002 personally appeared Lucetta Caston, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that she executed the same of her own free will for the purposes and consideration therein expressed.

Janet C. Ross
Notary or Consular Officer

[SEAL]

NOTARIAL SEAL
JANET A. ROSS, Notary Public
Radnor Twp., Delaware County
My Commission Expires June 26, 2003

Signature: _____
Name: Deborah Wilson

Date: _____

STATE OF _____)
) ss.
COUNTY OF _____)

BEFORE ME, the undersigned authority, on this ____ day of _____, 2002 personally appeared Deborah Wilson, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that she executed the same of her own free will for the purposes and consideration therein expressed.

Notary or Consular Officer

[SEAL]

FULBRIGHT & JAWORSKI L.L.P.
600 Congress Avenue, Suite 2400
Austin, Texas 78701

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to INTROGEN THERAPEUTICS, INC. (the "Assignee"), having a place of business at 301 Congress Avenue, Suite 1850, Austin, TX 78701, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, Serial No. 08/975,519 which has been filed on November 20, 1997 and is entitled "METHOD FOR THE PURIFICATION OF ADENOVIRAL VECTORS", such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Signature: _____ Date: _____
Name: Lucetta Caston

STATE OF _____)
) ss.
COUNTY OF _____)

BEFORE ME, the undersigned authority, on this ____ day of _____, 2002 personally appeared Lucetta Caston, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that she executed the same of her own free will for the purposes and consideration therein expressed.

Notary or Consular Officer

[SEAL]

Signature: Deborah Wilson Date: Jul 11 2002
Name: Deborah Wilson

STATE OF Texas)
) ss.
COUNTY OF Harris)

BEFORE ME, the undersigned authority, on this 11 day of July, 2002 personally appeared Deborah Wilson, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that she executed the same of her own free will for the purposes and consideration therein expressed.

Vera L. Smith
Notary or Consular Officer

[SEAL]



FULBRIGHT & JAWORSKI L.L.P.
600 Congress Avenue, Suite 2400
Austin, Texas 78701



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

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AUGUST 12, 1998

PTAS

ARNOLD, WHITE & DURKEE
STEVEN L. HIGHLANDER
P.O. BOX 4433
HOUSTON, TEXAS 77210



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UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/26/1998

REEL/FRAME: 9220/0173
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

ZHANG, SHUYUAN

DOC DATE: 04/08/1998

ASSIGNOR:

THWIN, CAPUCINE

DOC DATE: 04/08/1998

ASSIGNOR:

WU, ZHENG

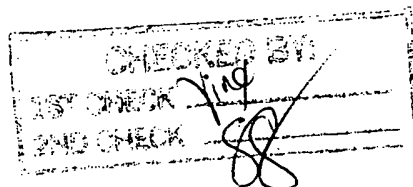
DOC DATE: 04/08/1998

ASSIGNEE:

INTROGEN THERAPEUTICS, INC.
301 CONGRESS AVE.
SUITE 1850
AUSTIN, TEXAS 78701

SERIAL NUMBER: 08975519
PATENT NUMBER:

FILING DATE: 11/20/1997
ISSUE DATE:



REC'D - A.W.D.

AUG 17 1998

DOCKET DESK

9220/0173 PAGE 2

TONYA LEE, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to Introgen Therapeutics, Inc. (the "Assignee"), a Delaware corporation, having a place of business at 301 Congress Avenue, Suite 1850, Austin, Texas 78701, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, Serial No. 08/975,519 which has been filed on November 20, 1997 and is entitled "AN IMPROVED METHOD FOR THE PRODUCTION AND PURIFICATION OF ADENOVIRAL VECTORS", such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Signature: _____

Name: Shuyuan Zhang

Date: _____

4/8/98

STATE OF

Texas

)

) ss.

COUNTY OF

Harris

)

BEFORE ME, the undersigned authority, on this 8th day of April, 1998, personally appeared Shuyuan Zhang, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.



[SEAL]

Tia M. Stovall-Artisst

Notary or Consular Officer

Signature: _____

Name: Capucine Thwin

Date: _____

4/8/98

STATE OF

Texas

)

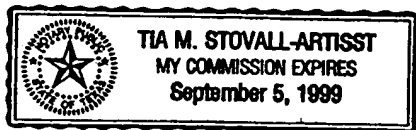
) ss.

COUNTY OF

Harris

)

BEFORE ME, the undersigned authority, on this 8th day of April, 1998, personally appeared Capucine Thwin, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.



[SEAL]

Tia M. Stovall-Artisst

Notary or Consular Officer

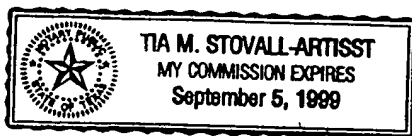
Signature: Zheng Wu
Name: Zheng Wu

Date: 4/8/98

STATE OF TX)
COUNTY OF Harris) ss.

BEFORE ME, the undersigned authority, on this 8th day of April, 1998, personally appeared Zheng Wu, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of he/her own free will for the purposes and consideration therein expressed.

[SEAL]



Tia M. Stovall-Artisst
Notary or Consular Officer

Signature: _____
Name: Toohyon Cho

Date: _____

STATE OF _____)
COUNTY OF _____) ss.

BEFORE ME, the undersigned authority, on this ____ day of _____, 1998, personally appeared Toohyon Cho, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

[SEAL]

Notary or Consular Officer

ARNOLD, WHITE & DURKEE

P. O. Box 4433
Houston, Texas 77210

2001 Jefferson Davis Hwy., Ste. 401
Arlington, Virginia 22202